



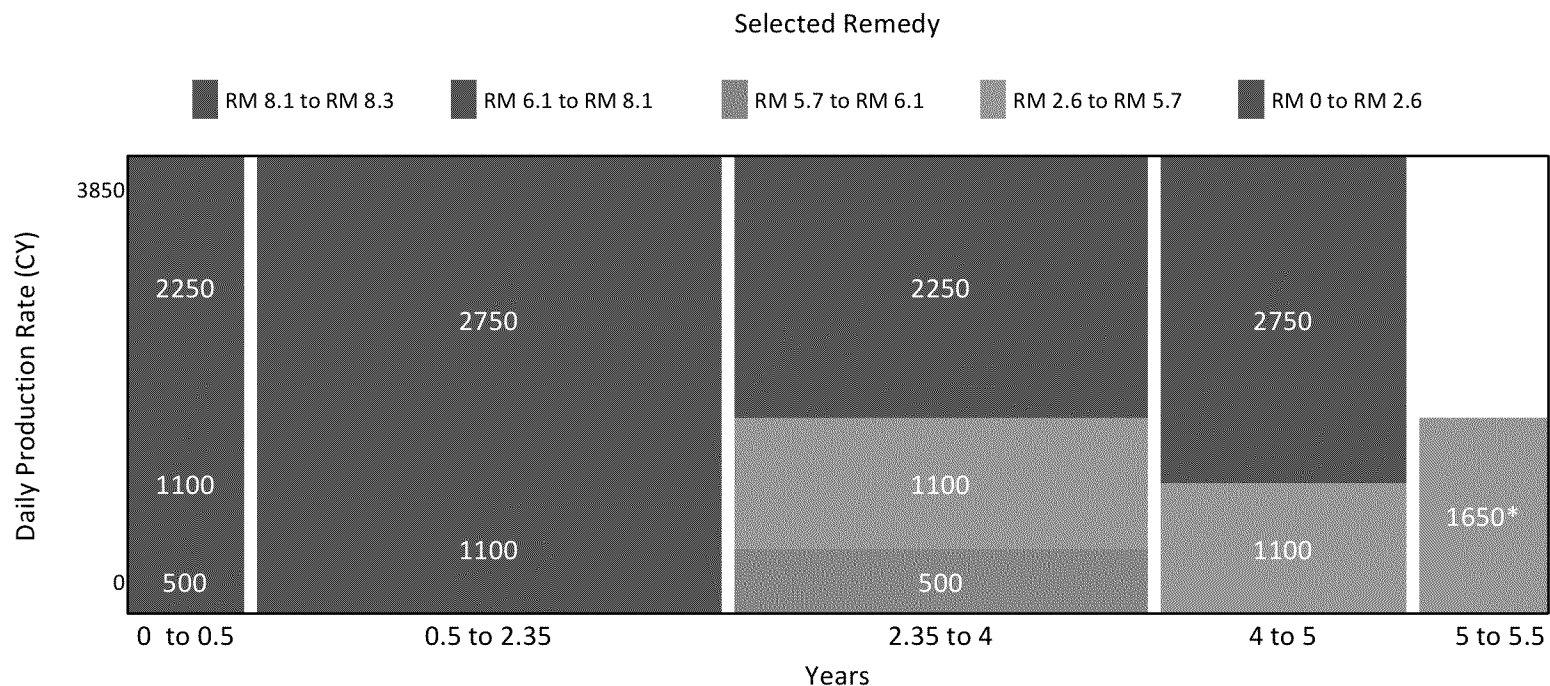
Aerial Photograph of Pilot Study Area Showing Mooring Locations

Lower 8.3 Miles of the Lower Passaic River

Figure 4-1

2016

Reach	Selected Remedy Duration (Years)							
	0	0.5	1	2.5	3.5	4.5	5	5.5
RM 0 to RM 2.6								
RM 2.6 to RM 5.7				*				
RM 5.7 to RM 6.1				*				
RM 6.1 to RM 8.1				*				
RM 8.1 to RM 8.3								
Notes:								
Gray cells notes when dredging is occurring within each reach.								
* Dredging in RM 6.1 - 8.1 finishes around year 2.35; Dredging in RM 2.6 - 5.7 and RM 5.7 - 6.1 begins around year 2.35.								



* The daily dredging production rate is increased by 50 percent after dredging in the RM 0 to RM 2.6 is completed.

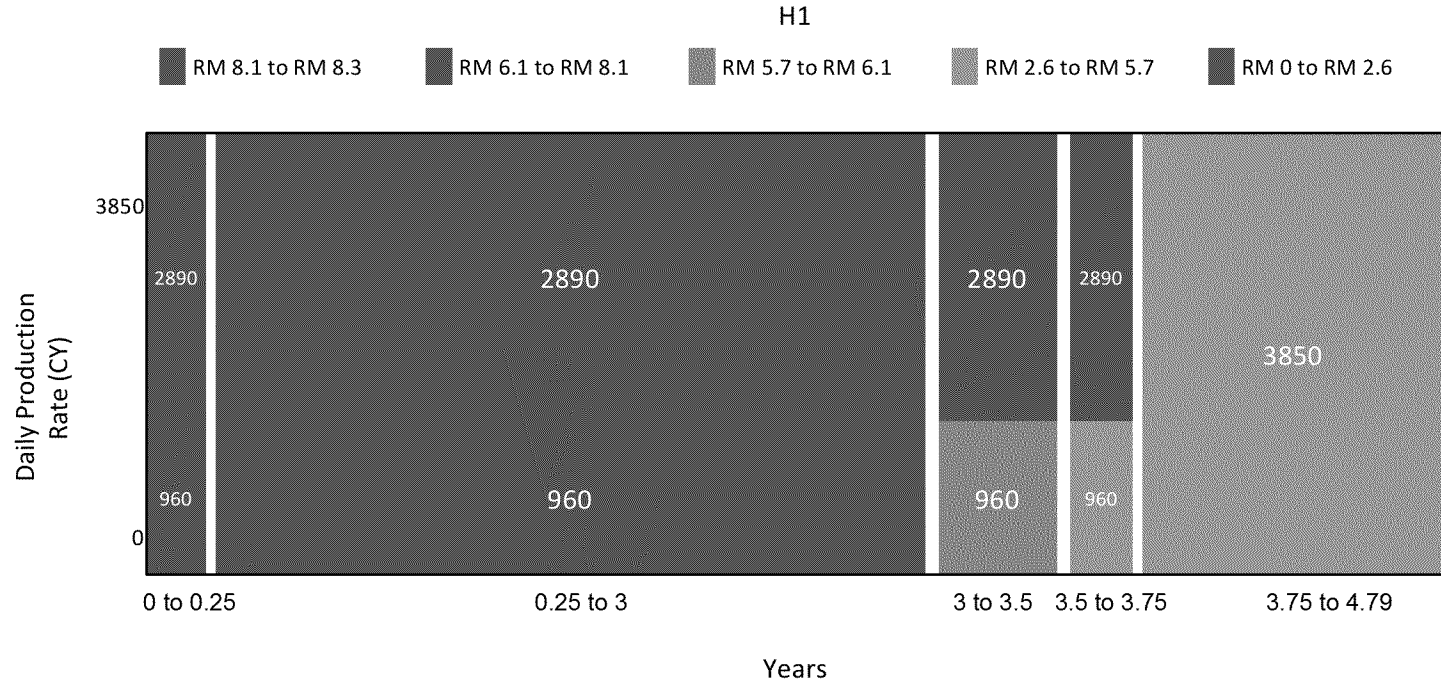
Assumed Dredging Sequencing and Daily Production Rates and Durations for Selected Remedy
Dredging (Sequence M1)

Lower 8.3 Miles of the Lower Passaic River

Figure 5-1

2016

Reach	H1 Duration (Years)				
	0.25	3	3.5	3.75	4.79
RM 0 to RM 2.6					
RM 2.6 to RM 5.7					
RM 5.7 to RM 6.1					
RM 6.1 to RM 8.1					
RM 8.1 to RM 8.3					
Notes: Gray cells notes when dredging is occurring within each reach. Assume dredging production rates are 2,890 cubic yards/day in RM 0 to RM 2.6 and 960 cubic yards/day in RM 2.6 to RM 8.3. Combined dredging production rate for two or more hydraulic dredges operating simultaneously is 3,850 cubic yards/day.					

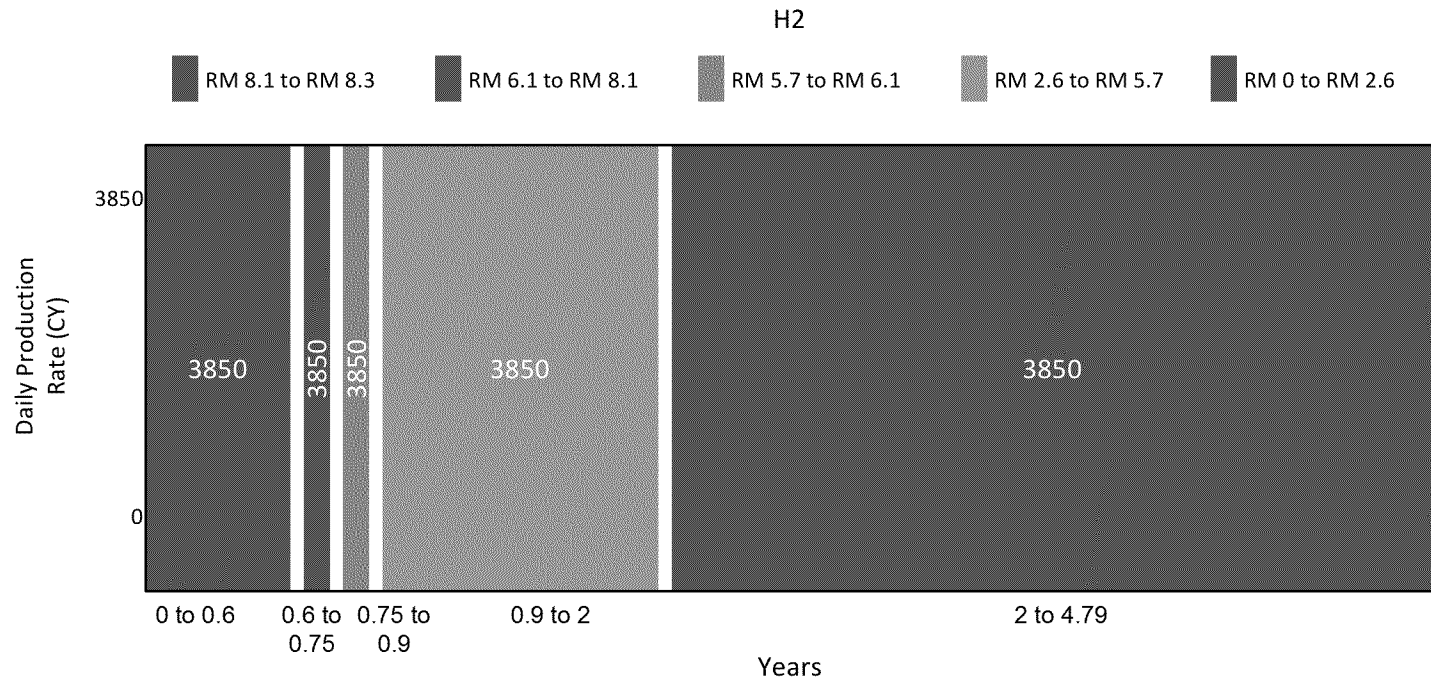
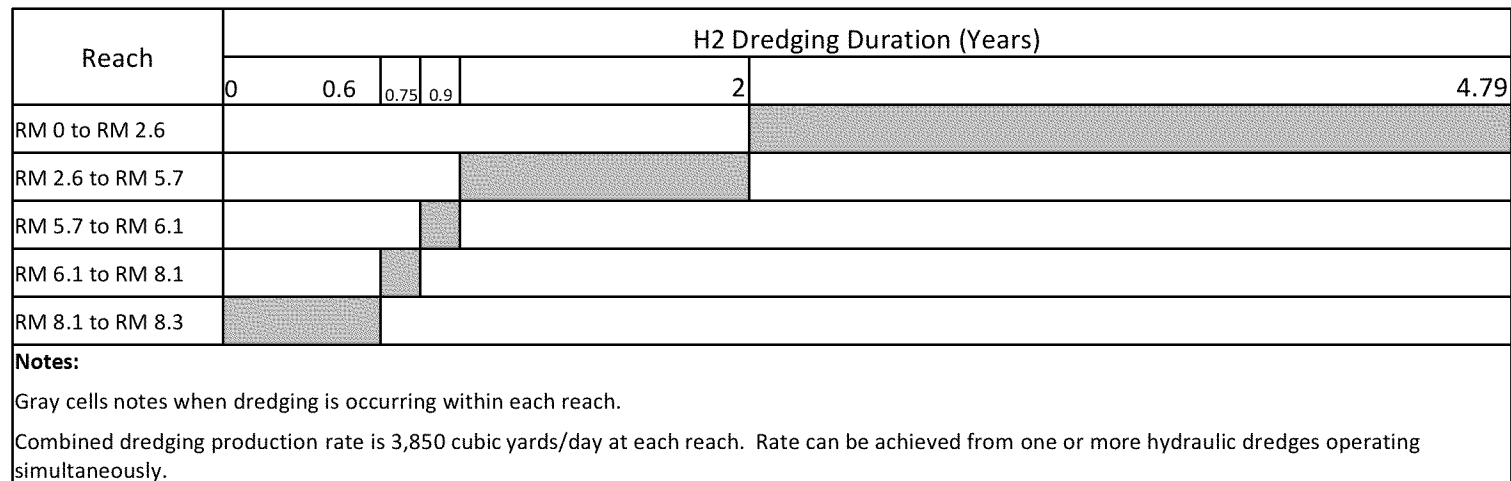


Example of Dredging Sequencing and Assumed Daily Production Rates and Durations for Hydraulic Dredging (Sequence H1)

Lower 8.3 Miles of the Lower Passaic River

Figure 5-2

2016



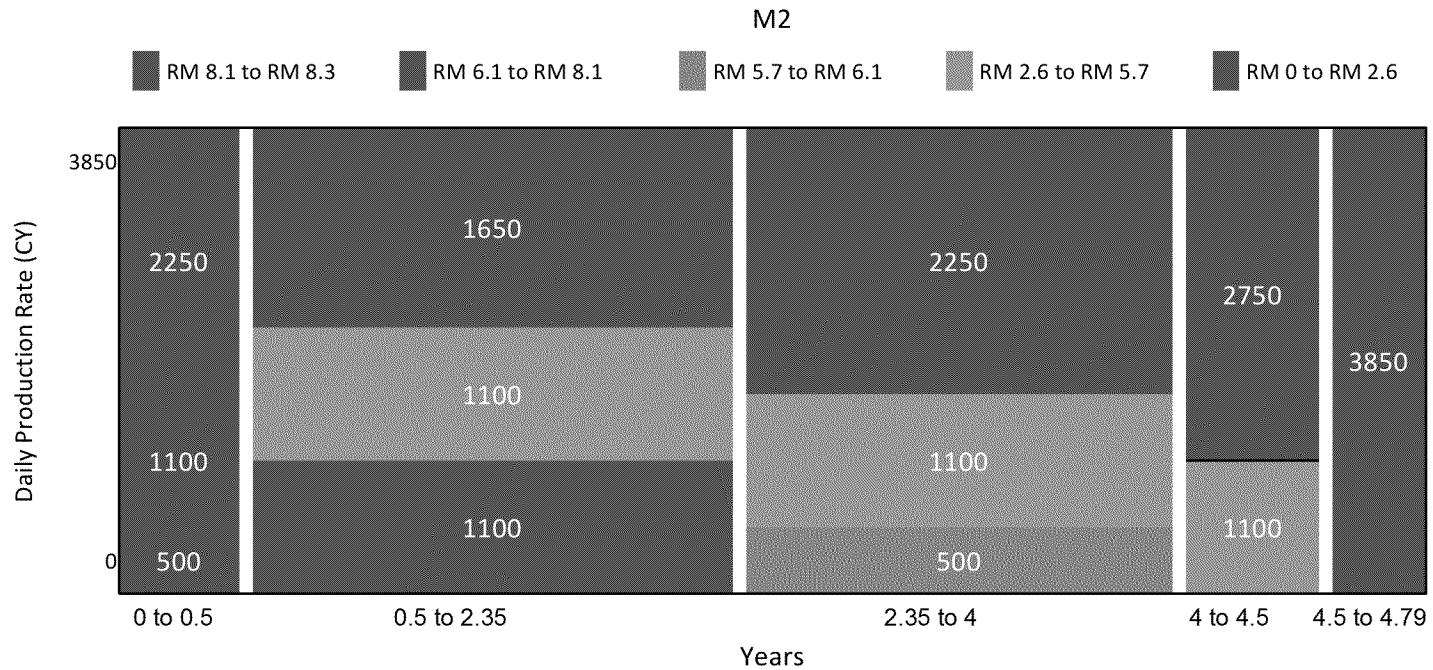
Example of Dredging Sequencing and Assumed Daily Production Rates and Durations for Hydraulic Dredging (Sequence H2)

Lower 8.3 Miles of the Lower Passaic River

Figure 5-3

2016

Reach	M2 Dredging Duration (Years)							
	0	0.5	1	2.5	3.5	4	4.5	4.79
RM 0 to RM 2.6								
RM 2.6 to RM 5.7								
RM 5.7 to RM 6.1				*				
RM 6.1 to RM 8.1				*				
RM 8.1 to RM 8.3								
Notes:								
Gray cells notes when dredging is occurring within each reach.								
* Dredging in RM 6.1 - 8.1 finishes around year 2.35; Dredging in RM 5.7 - 6.1 begins around year 2.35.								

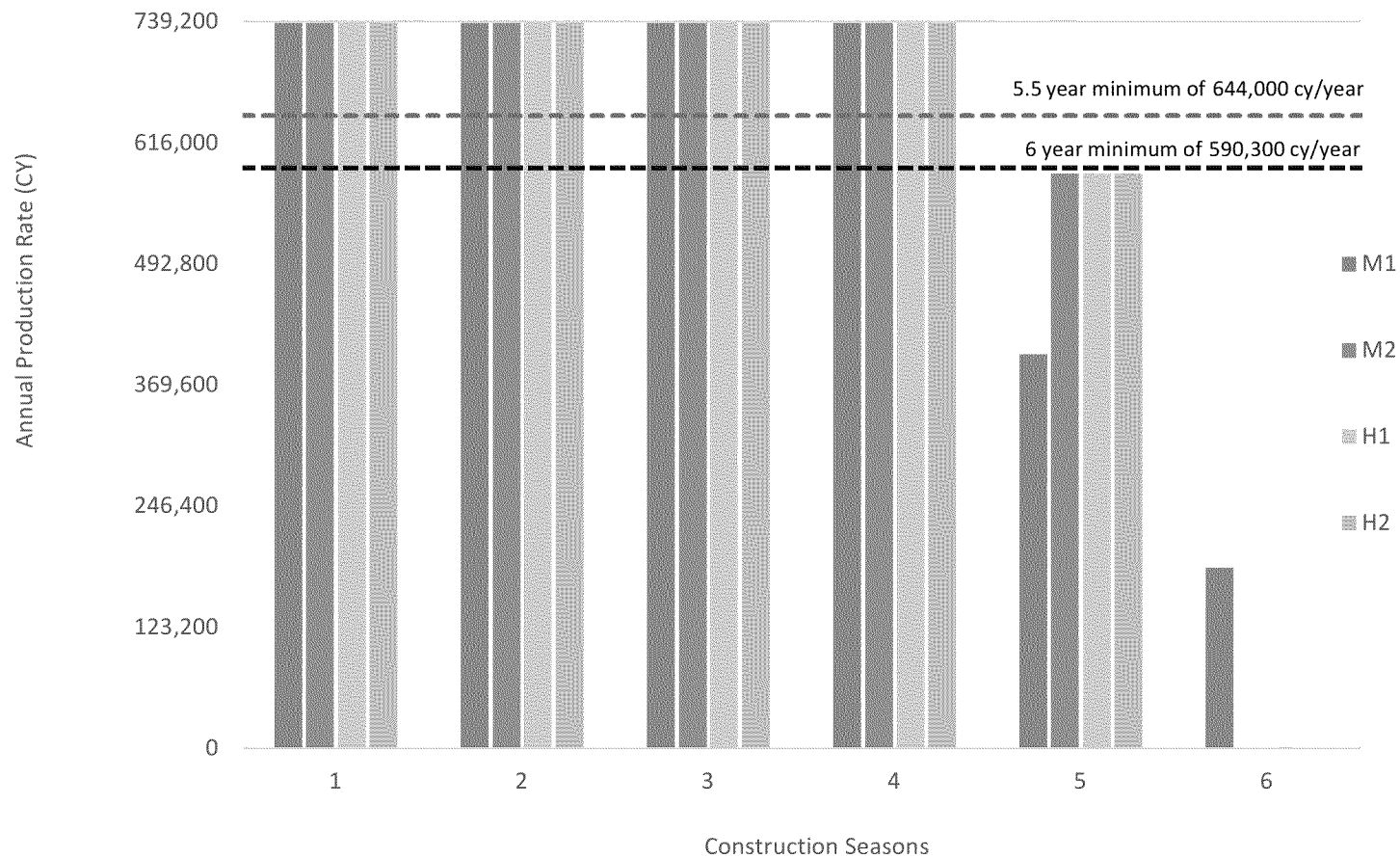


Example of Dredging Sequencing and Assumed Daily Production Rates and Durations for Mechanical Dredging (Sequence M2)

Lower 8.3 Miles of the Lower Passaic River

Figure 5-4

2016

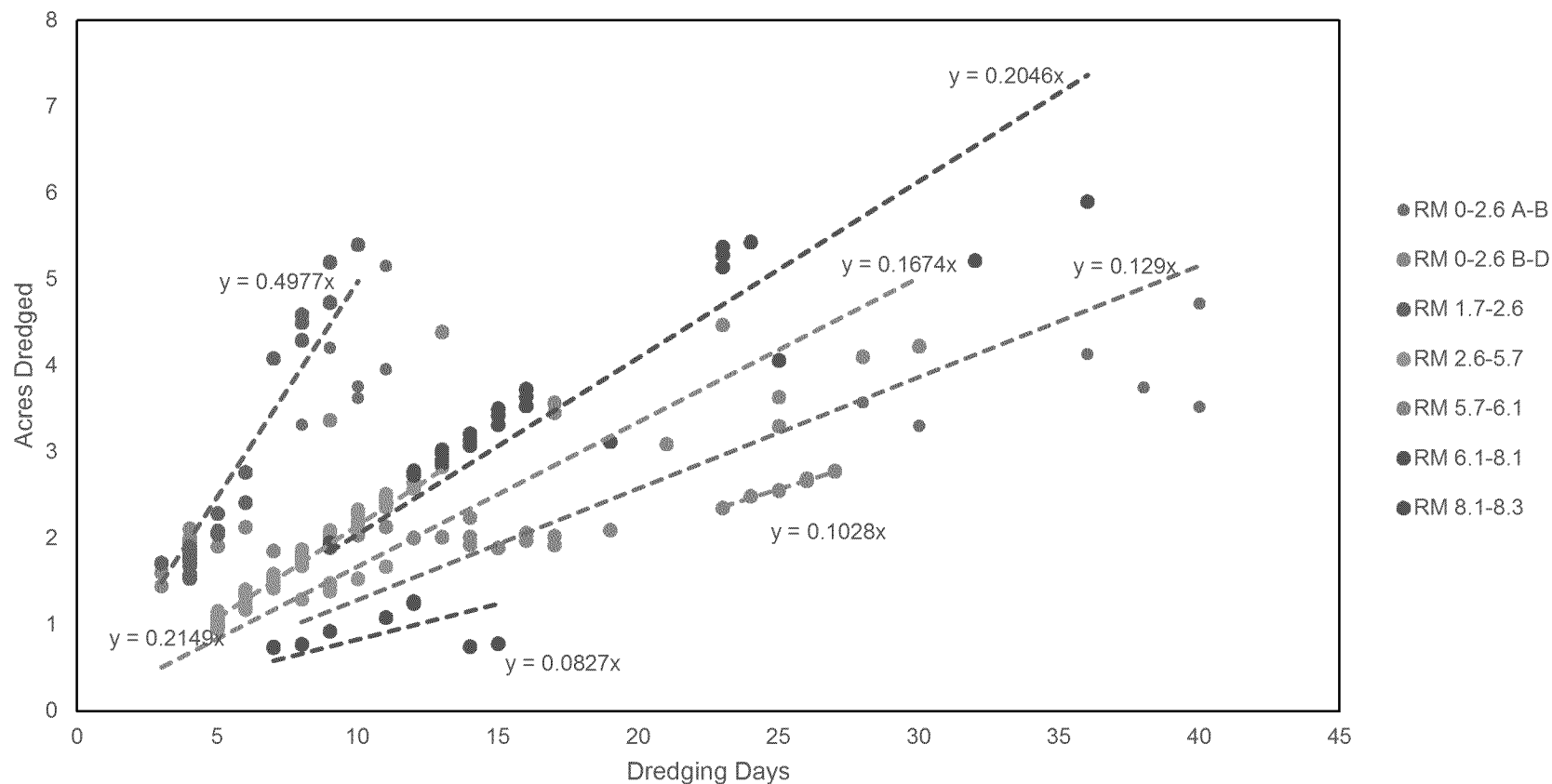


Comparison of Annual Production Rates for Example Mechanical (M1 and M2) and Hydraulic Dredging (H1 and H2) Sequences

Lower 8.3 Miles of the Lower Passaic River

Figure 5-5

2016



RM 0-2.6 A-B is the area of the navigation channel that is dredged to 30 ft MLW
 RM 0-2.6 B-D is the area of the navigation channel that is dredged to 20 ft MLW
 RM 0-2.6 is the non-navigational area

Acres Dredged versus Dredging Days on a Reach by Reach Basis

Figure 5-6